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* * * * * * * * * Welcome to STN International * * * * * * * * *

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now available on STN
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NEWS 13 Nov 18 DKILIT has been renamed APOLLIT
NEWS 14 Nov 25 More calculated properties added to REGISTRY
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NEWS 17 Dec 17 TOXCENTER enhanced with additional content
NEWS 18 Dec 17 Adis Clinical Trials Insight now available on STN
NEWS 19 Jan 29 Simultaneous left and right truncation added to COMPENDEX,
ENERGY, INSPEC
NEWS 20 Feb 13 CANCERLIT is no longer being updated
NEWS 21 Feb 24 METADEX enhancements
NEWS 22 Feb 24 PCTGEN now available on STN
NEWS 23 Feb 24 TEMA now available on STN
NEWS 24 Feb 26 NTIS now allows simultaneous left and right truncation
NEWS 25 Feb 26 PCTFULL now contains images
NEWS 26 Mar 04 SDI PACKAGE for monthly delivery of multifile SDI results
NEWS 27 Mar 19 APOLLIT offering free connect time in April 2003
NEWS 28 Mar 20 EVENTLINE will be removed from STN
NEWS 29 Mar 24 PATDPAFULL now available on STN
NEWS 30 Mar 24 Additional information for trade-named substances without
structures available in REGISTRY
NEWS 31 Apr 11 Display formats in DGENE enhanced
NEWS 32 Apr 14 MEDLINE Reload
NEWS 33 Apr 17 Polymer searching in REGISTRY enhanced
NEWS 34 Apr 21 Indexing from 1947 to 1956 being added to records in CA/CAPLUS
NEWS 35 Apr 21 New current-awareness alert (SDI) frequency in
WPIDS/WPINDEX/WPIX
NEWS 36 Apr 28 RDISCLOSURE now available on STN

NEWS EXPRESS April 4 CURRENT WINDOWS VERSION IS V6.01a, CURRENT
MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),
AND CURRENT DISCOVER FILE IS DATED 01 APRIL 2003
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STRUCTURE FILE UPDATES: 2 MAY 2003 HIGHEST RN 509953-09-7
DICTIONARY FILE UPDATES: 2 MAY 2003 HIGHEST RN 509953-09-7

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2003

Please note that search-term pricing does apply when conducting SmartSELECT searches.

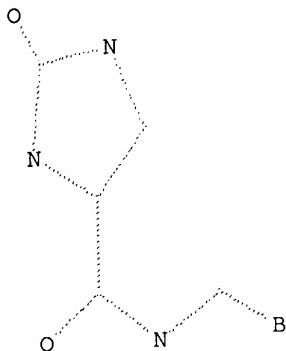
Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

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Uploading 10015328.str

L1 STRUCTURE UPLOADED

=> d
L1 HAS NO ANSWERS
L1 STR



Structure attributes must be viewed using STN Express query preparation.

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SAMPLE SEARCH INITIATED 08:12:05 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 1 TO ITERATE
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100.0% PROCESSED 1 ITERATIONS 1 ANSWERS
SEARCH TIME: 00.00.01
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FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 1 TO 80
PROJECTED ANSWERS: 1 TO 80
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L2 1 SEA SSS SAM L1
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FULL SCREEN SEARCH COMPLETED - 24 TO ITERATE
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SEARCH TIME: 00.00.01
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L3 22 SEA SSS FUL L1
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COST IN U.S. DOLLARS SINCE FILE TOTAL
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FULL ESTIMATED COST
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FILE 'CAPLUS' ENTERED AT 08:12:10 ON 05 MAY 2003
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FILE COVERS 1907 - 5 May 2003 VOL 138 ISS 19
FILE LAST UPDATED: 4 May 2003 (20030504/ED)

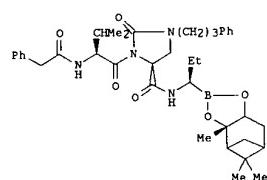
This file contains CAS Registry Numbers for easy and accurate substance identification.

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=> s 13          1 L3  
L4  
=> d ibib abs hitstr
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L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 2002:466017 CAPLUS
 DOCUMENT NUMBER: 137:47198
 TITLE: Imidazolidinones and their related derivatives as
 Hepatitis C virus NS3 protease inhibitors
 INVENTOR(S): Han, Qi
 PATENT ASSIGNEE(S): Bristol-Myers Squibb Pharma Company, USA
 SOURCE: PCT Int. Appl., 173 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002048157	A2	20020620	WO 2001-US47916	20011212
WO 2002048157	A3	20030327		
$\text{W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TZ, UA, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MU, TZ, TJ, TR, RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, LU, MC, NL, PT, SE, TR, CY, DE, DK, ES, FI, FR, GB, GR, IT, LU, MC, NL, PT, SE, TR, BF, BU, CF, CG, CI, CM, GA, GN, GO, GW, MU, MR, NE, SN, TD, TG}$ AU 2002030764 A5 20020624 AU 2002-30764 20011212 PRIORITY APPLN. INFO.: US 2000-255168P P 20001213 WO 2001-US47916 W 20011212				

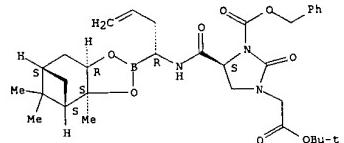
OTHER SOURCE(S): MARPAT 137:47198
 GI



AB Title compds. were prep'd. for use as serine protease inhibitors, esp. Hepatitis C virus NS3 protease inhibitors (no data). Thus, the imidazolidinone I was obtained from (S)-(-)-N-benzylloxycarbonyl-2-oxo-5-imidazolidinone carboxylic acid and the dioxaborolane fragment in 8 steps. IT 437755-72-1P 437755-73-2P

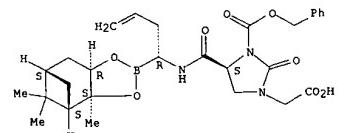
L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS (Continued)
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (prepn. of N-(benzodioxaborolylpropyl)imidazolidinecarboxamides as hepatitis C virus NS3 protease inhibitors)
 RN 437755-1 CAPLUS
 CN 1-Imidazolidinone acetic acid, 4-[[((1R)-1-[(3aS,4S,6S,7aR)-hexahydro-3a,5,5-trimethyl-4,6-methano-1,3,2-benzodioxaborol-2-yl]propyl)-3-[(2S)-3-methyl-1-oxo-2-[(phenylacetyl)amino]butyl]-2-oxo-1-(3-phenylpropyl)], (4S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 437755-73-2 CAPLUS
 CN 1-Imidazolidinone acetic acid, 4-[[((1R)-1-[(3aS,4S,6S,7aR)-hexahydro-3a,5,5-trimethyl-4,6-methano-1,3,2-benzodioxaborol-2-yl]propyl)-3-[(2S)-3-methyl-1-oxo-2-[(phenylacetyl)amino]butyl]-2-oxo-3-[(phenylmethoxy)carbonyl]-, (4S)- (9CI) (CA INDEX NAME)

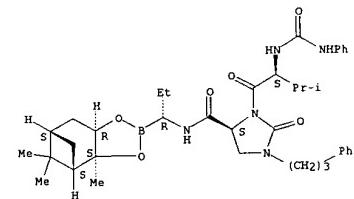
Absolute stereochemistry.



IT 437755-43-6P 437755-44-7P 437755-45-8P
 437755-46-9P 437755-47-0P 437755-48-1P
 437755-49-2P 437755-50-5P 437755-51-6P
 437755-52-7P 437755-53-8P 437755-54-9P
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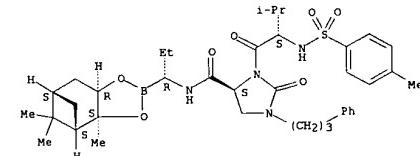
RL: SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (prepn. of N-(benzodioxaborolylpropyl)imidazolidinecarboxamides as hepatitis C virus NS3 protease inhibitors)

L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS (Continued)



RN 437755-46-9 CAPLUS
 CN 4-Imidazolidinone carboxamide, N-[(1R)-1-[(3aS,4S,6S,7aR)-hexahydro-3a,5,5-trimethyl-4,6-methano-1,3,2-benzodioxaborol-2-yl]propyl]-3-[(2S)-3-methyl-1-oxo-2-[(4-methylphenyl)sulfonyl]amino]butyl]-1-oxobutyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



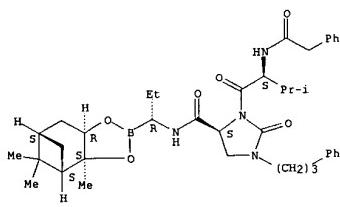
RN 437755-47-0 CAPLUS
 CN 4-Imidazolidinone carboxamide, 3-[(2S)-2-[(9H-fluoren-1-ylcarbonyl)amino]-3-methyl-1-oxobutyl]-N-[(1R)-1-[(3aS,4S,6S,7aR)-hexahydro-3a,5,5-trimethyl-4,6-methano-1,3,2-benzodioxaborol-2-yl]propyl]-2-oxo-1-(3-phenylpropyl)-, (4S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS (Continued)

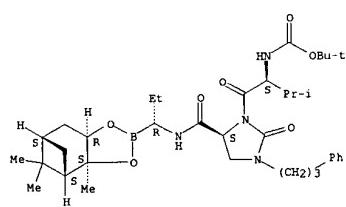
RN 437755-43-6 CAPLUS
 CN 4-Imidazolidinone acetic acid, N-[(1R)-1-[(3aS,4S,6S,7aR)-hexahydro-3a,5,5-trimethyl-4,6-methano-1,3,2-benzodioxaborol-2-yl]propyl]-3-[(2S)-3-methyl-1-oxo-2-[(phenylamino)carbonyl]amino]butyl]-2-oxo-1-(3-phenylpropyl)-, (4S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



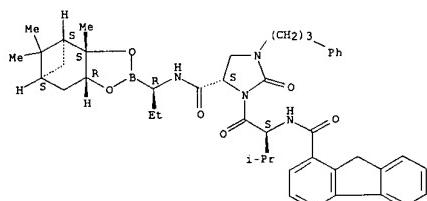
RN 437755-44-7 CAPLUS
 CN 4-Imidazolidinone acetic acid, [(1S)-1-[(3aS,4S,6S,7aR)-hexahydro-3a,5,5-trimethyl-4,6-methano-1,3,2-benzodioxaborol-2-yl]propyl]-3-[(2S)-3-methyl-1-oxo-2-[(phenylamino)carbonyl]amino]butyl]-2-oxo-1-(3-phenylpropyl)-, (4S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



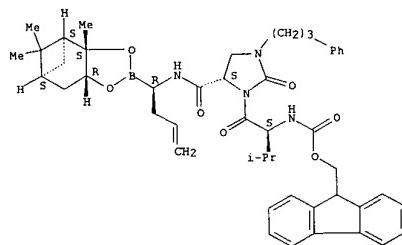
RN 437755-45-8 CAPLUS
 CN 4-Imidazolidinone carboxamide, N-[(1R)-1-[(3aS,4S,6S,7aR)-hexahydro-3a,5,5-trimethyl-4,6-methano-1,3,2-benzodioxaborol-2-yl]propyl]-3-[(2S)-3-methyl-1-oxo-2-[(phenylamino)carbonyl]amino]butyl]-2-oxo-1-(3-phenylpropyl)-, (4S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



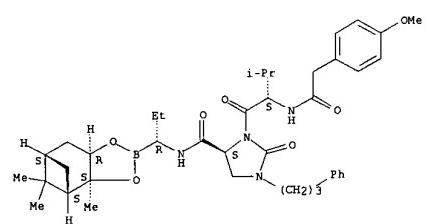
RN 437755-48-1 CAPLUS
CN 4-Imidazolidinecarboxamide, N-[{(1R)-1-[(3aS,4S,6S,7aR)-hexahydro-3a,5,5-trimethyl-4,6-methano-1,3,2-benzodioxaborol-2-yl]propyl]-3-[(2S)-2-[(14-methoxyphenyl)acetyl]amino]-3-methyl-1-oxobutyl]-2-oxo-1-(3-phenylpropyl)-, (4S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



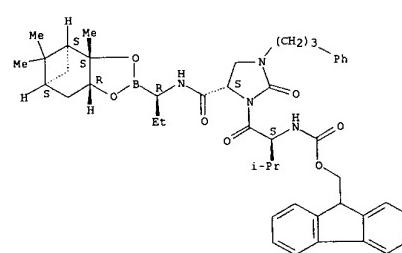
RN 437755-50-5 CAPLUS
CN Carbamic acid, [(1S)-1-[(1S)-5-[(1R)-1-[(3aS,4S,6S,7aR)-hexahydro-3a,5,5-trimethyl-4,6-methano-1,3,2-benzodioxaborol-2-yl]propyl]amino]carbonyl]-2-oxo-3-(3-phenylpropyl)-1-imidazolidinyl]carbonyl]-2-methylpropyl-, 9H-fluoren-9-ylmethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



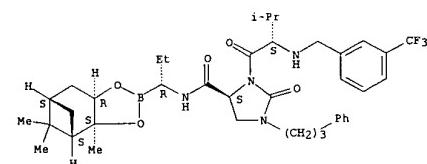
RN 437755-49-2 CAPLUS
CN Carbamic acid, [(1S)-1-[(1R)-1-[(3aS,4S,6S,7aR)-hexahydro-3a,5,5-trimethyl-4,6-methano-1,3,2-benzodioxaborol-2-yl]-3-butenyl]amino]carbonyl]-2-oxo-3-(3-phenylpropyl)-1-imidazolidinyl]carbonyl]-2-methylpropyl-, 9H-fluoren-9-ylmethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



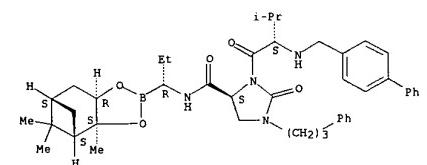
RN 437755-51-6 CAPLUS
CN 4-Imidazolidinecarboxamide, N-[{(1R)-1-[(3aS,4S,6S,7aR)-hexahydro-3a,5,5-trimethyl-4,6-methano-1,3,2-benzodioxaborol-2-yl]propyl]-3-[(2S)-3-methyl-1-oxo-2-[(3-trifluoromethyl)phenyl]methyl]butyl]-2-oxo-1-(3-

Absolute stereochemistry.



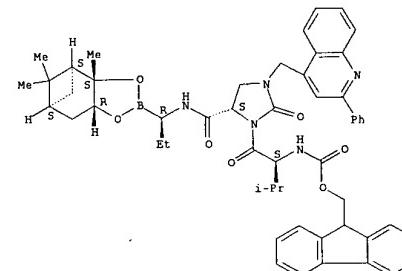
RN 437755-52-7 CAPLUS
CN 4-Imidazolidinecarboxamide, 3-[(2S)-2-[(11,1'-biphenyl)-4-ylmethyl]amino]-3-methyl-1-oxobutyl]-N-[(1R)-1-[(3aS,4S,6S,7aR)-hexahydro-3a,5,5-trimethyl-4,6-methano-1,3,2-benzodioxaborol-2-yl]propyl]-2-oxo-1-(3-phenylpropyl)-, (4S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



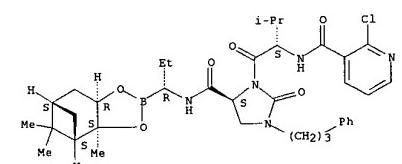
RN 437755-53-8 CAPLUS
CN Carbamic acid, [(1S)-1-[(1S)-5-[(1R)-1-[(3aS,4S,6S,7aR)-hexahydro-3a,5,5-trimethyl-4,6-methano-1,3,2-benzodioxaborol-2-yl]propyl]amino]carbonyl]-2-oxo-3-[(2-phenyl-4-quinolinyl)methyl]-1-imidazolidinyl]carbonyl]-2-methylpropyl-, 9H-fluoren-9-ylmethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



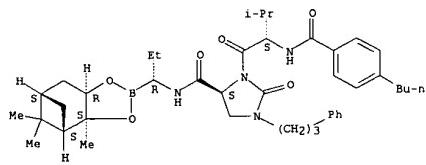
RN 437755-54-9 CAPLUS
CN 2-chloro-N-[(1S)-1-[(1S)-5-[(1R)-1-[(3aS,4S,6S,7aR)-hexahydro-3a,5,5-trimethyl-4,6-methano-1,3,2-benzodioxaborol-2-yl]propyl]amino]carbonyl]-2-oxo-3-(3-phenylpropyl)-1-imidazolidinyl]carbonyl]-2-methylpropyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



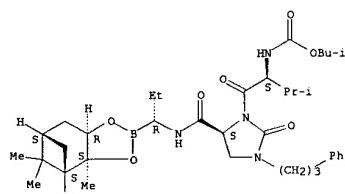
RN 437755-55-0 CAPLUS
CN 4-Imidazolidinecarboxamide, 3-[(2S)-2-[(4-butylbenzoyl)amino]-3-methyl-1-oxoethyl]-N-[(1R)-1-[(3aS,4S,6S,7aR)-hexahydro-3a,5,5-trimethyl-4,6-methano-1,3,2-benzodioxaborol-2-yl]propyl]-2-oxo-1-(3-phenylpropyl)-, (4S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



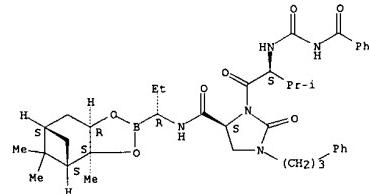
RN 437755-56-1 CAPLUS
CN Carbamic acid, [(1R)-1-[(5S)-5-[(1(R)-1-[(3aS,4S,6S,7aR)-hexahydro-3a,5,5-trimethyl-4,6-methano-1,3,2-benzodioxaborol-2-yl]propyl)amino]carbonyl]-2-oxo-3-(3-phenylpropyl)-1-imidazolidinyl]carbonyl]-2-methylpropyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



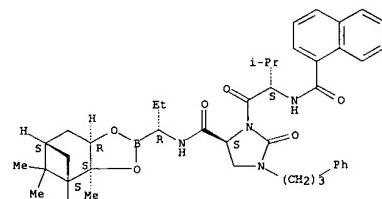
RN 437755-57-2 CAPLUS
CN 4-Imidazolidinecarboxamide, 3-[(2S)-2-[(benzoylamino)carbonyl]amino]-3-methyl-1-oxobutyl-N-[(1R)-1-[(3aS,4S,6S,7aR)-hexahydro-3a,5,5-trimethyl-4,6-methano-1,3,2-benzodioxaborol-2-yl]propyl]-2-oxo-1-(3-phenylpropyl)-, (4S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



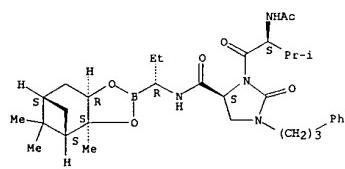
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CN 4-Imidazolidinecarboxamide, N-[(1R)-1-[(3aS,4S,6S,7aR)-hexahydro-3a,5,5-trimethyl-4,6-methano-1,3,2-benzodioxaborol-2-yl]propyl]-3-[(2S)-3-methyl-2-[(1-naphthalenylcarbonyl)amino]-1-oxobutyl]-2-oxo-1-(3-phenylpropyl)-, (4S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



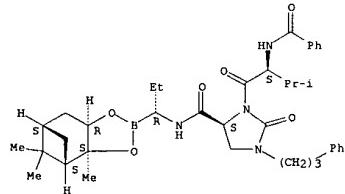
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CN 4-Imidazolidinecarboxamide, 3-[(2S)-2-(acetylaminocarbonyl)-3-methyl-1-oxobutyl]-N-[(1R)-1-[(3aS,4S,6S,7aR)-hexahydro-3a,5,5-trimethyl-4,6-methano-1,3,2-benzodioxaborol-2-yl]propyl]-2-oxo-1-(3-phenylpropyl)-, (4S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



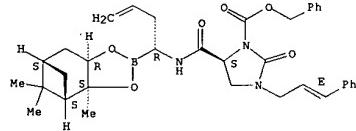
RN 437755-60-7 CAPLUS
CN 4-Imidazolidinecarboxamide, 3-[(2S)-2-(benzoylamino)-3-methyl-1-oxobutyl]-N-[(1R)-1-[(3aS,4S,6S,7aR)-hexahydro-3a,5,5-trimethyl-4,6-methano-1,3,2-benzodioxaborol-2-yl]propyl]-2-oxo-1-(3-phenylpropyl)-, (4S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



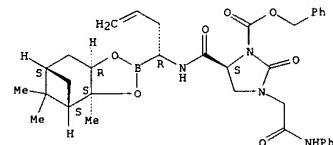
RN 437755-61-8 CAPLUS
CN 1-Imidazolidinecarboxylic acid, 5-[[[(1R)-1-[(3aS,4S,6S,7aR)-hexahydro-3a,5,5-trimethyl-4,6-methano-1,3,2-benzodioxaborol-2-yl]-3-but enyl]amino]carbonyl]-2-oxo-3-[(2E)-3-phenyl-2-propenyl]-, phenylmethyl ester, (5S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.



RN 437755-62-9 CAPLUS
CN 1-Imidazolidinecarboxylic acid, 5-[[[(1R)-1-[(3aS,4S,6S,7aR)-hexahydro-3a,5,5-trimethyl-4,6-methano-1,3,2-benzodioxaborol-2-yl]-3-but enyl]amino]carbonyl]-2-oxo-3-[(2E)-3-phenyl-2-propenyl]-, phenylmethyl ester, (5S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



=> log y		
COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	5.37	153.73
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-0.65	-0.65

STN INTERNATIONAL LOGOFF AT 08:13:06 ON 05 MAY 2003